

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 00-1272-C	Serial No. 10/008,978
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant: MIRKIN et al.	
		Filing Date: 12/07/01	Group: 1645 1637

U.S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation Yes      No
<i>P</i>	1.	WO 92/04469	19 March 1992	PCT	<u>      </u>	<u>      </u>	X
<i>P</i>	2.	WO 90/02205	8 March 1990	PCT	<u>      </u>	<u>      </u>	X

**OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.**

Examiner		Date Considered	5/22/03
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Applicant: Chad A. Mirkin, et al.	
		Filing Date: 12/07/01	Group: 1045 <i>1637</i>

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
<i>Q</i>	1.	4,193,983	3/18/80	Ullman et al.			
	2.	4,256,834	3/17/81	Zuk et al.			
	3.	4,261,968	4/14/81	Ullman et al.			
	4.	4,313,734	2/2/82	Leuvering			
	5.	4,318,707	3/9/82	Litman et al.			
	6.	4,650,770	3/17/87	Liu et al.			
	7.	4,713,348	12/15/87	Ullman			
	8.	4,853,335	8/1/89	Olsen et al.			
	9.	4,868,104	9/19/89	Kura et al.			
	10.	5,225,064	7/6/93	Henkens et al.			
	11.	5,294,369	3/15/94	Shigekawa et al.			
<i>M</i>	12.	5,384,073	1/24/95	Shigekawa et al.			
	13.	5,384,265	1/24/95	Kidwell et al.	Duplicate		
<i>S</i>	14.	5,460,831	10/24/95	Kossovsky et al.			
	15.	5,472,881	12/5/95	Beebe et al.	Duplicate		
<i>R</i>	16.	5,514,602	05/07/96	Brooks, Jr. et al.			
	17.	5,521,289	5/28/96	Hainfeld et al.			
	18.	5,543,158	8/6/96	Gref et al.			
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	20.	5,665,582	9/9/97	Kaushch et al.			
<i>M</i>	21.	5,681,943	10/28/97	Letsinger et al.			

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**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation Yes No
<i>u</i>	22.	WO 89/06801	7/27/89	PCT			
	23.	WO 97/40181	10/30/97	PCT			
	24.	WO 98/04740	2/5/98	PCT			
	25.	WO 99/23258	10/30/98	PCT			
	26.	0 630 974 A2	06/21/94	EPO			
<i>u</i>	27.	0 667 398 A2	8/16/95	EPO			

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<i>u</i>	28.	Alivisatos et al., "Organization of 'nanocrystal molecules' using DNA," <i>Nature</i> , Vol. 382, pp. 609-611 (1996)
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*John L.*

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Patent and Trademark Office**

**Atty. Docket No.**

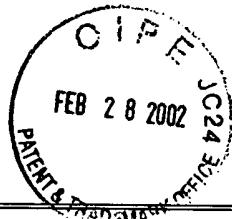
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**Serial No.**

10/008,978

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Applicant:**

Chad A. Mirkin, et al.

**Filing Date:**

12/07/01

**Group:**

1645 /637

**U.S. PATENT DOCUMENTS**

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		Document Number	Date	Country	Class	Subclass	Translation Yes N

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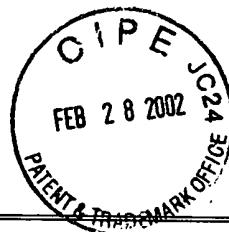
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**Applicant:**

Chad A. Mirkin, et al. TECH CENTER 1600/2900

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**Group:**

1645 1637

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
M	5,599,668	02/04/97	Stimpson, et al.			
M	5,990,479	11/23/99	Weiss, et al.			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation Yes	No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

A	3.	Stimpson, et al., "Real-time detection of DNA hybridization and melting on oligonucleotide arrays by using optical wave guides," <i>Proc. Natl. Acad. Sci.</i> , Vol. 92, pp. 6379-6383, California Institute of Technology (1995) U.S.
	4.	Storhoff, et al., "Strategies for Organizing Nanoparticles into Aggregate Structures and Functional Materials," <i>Journal of Cluster Science</i> , Vol. 8, No. 2, pp. 179-217, Plenum Publishing Corporation (1997) U.S.
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8.	Yguerabide, et al., "Light-Scattering Submicroscopic Particles as Highly Fluorescent Analogs and Their Use as Tracer Labels in Clinical and Biological Applications," I. Theory, <i>Analytical Biochemistry</i> , Vol. 262, pp. 137-156 (1998) U.S.
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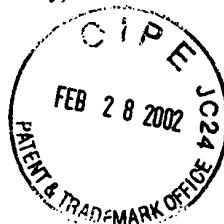
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Applicant:

Chad A. Mirkin, et al.

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December 07, 2001

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	2.	6,025,202	02/15/00	Natan			
M	3.	6,149,868	11/21/00	Natan, et al.			

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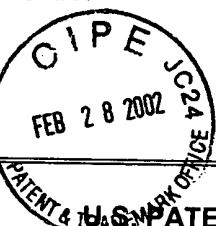
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<i>Ch</i>	1.	5,288,609	02/08/94	Mroczkowski, et al.			
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<i>Ch</i>	10.	5,990,479	11/23/99	Weiss, et al.			

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<i>Ch</i>	11.	WO 93/10564	27 May 93	PCT			
	12.	WO 98/10289	12 March 98	PCT			
	13.	WO 99/23258	14 May 99	PCT			
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<i>m</i>	15.	WO 99/20789	29 April 99	PCT			

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